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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/629,200	07/31/2000	Sin-Mei Tsai	P3928	5556

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EXAMINER

REVAK, CHRISTOPHER A

ART UNIT PAPER NUMBER

2131

DATE MAILED: 10/17/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/629,200

Applicant(s)

TSAI ET AL.

Examiner

Christopher A. Revak

Art Unit

2131

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 27 July 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3, 5-12, 14, 15 is/are rejected.
- 7) ☒ Claim(s) 4, 13 and 16 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Arguments

1. Applicant's arguments with respect to claims 1-16 have been considered but are moot in view of the new grounds of rejection.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-3,5-12,14, and 15 are rejected under 35 U.S.C. 102(b) as being anticipated by Alley et al, U.S. Patent 5,710,922.

As per claims 1 and 9, it is disclosed by Alley et al of a method and system for synchronizing data records between a network data server and a requesting client device. The examiner notes that Alley et al doesn't specifically mention use of a network, but it is interpreted by the examiner that since the portable handheld computer are usable in an office or workplace environment and at a home office, furthermore that a first computer, or host/server is capable of synchronizing with a plurality of different second computers, or clients, that the teachings of Alley et al are interpreted to operate in a networking environment (col. 1, lines 53-61 and col. 2, lines 52-54). The teachings include both second computer (client) and first computer (network server) software

applications (col. 2, lines 49-54). The client application maintains a first table of unique identifiers for each separate data record stored at the client and sends a copy of the table with a request for data from the server and the server maintains a second table of unique identifiers for each separate candidate data record to be sent to the client, the identifiers at the server and client are formed by a common process and in that the server, upon receiving the request and the first table from the client, compares the first table and the second table and then sends to the client only those records indicated by the comparison as new to the client and a notification of table updates (col. 2, lines 4-39).

As per claims 2 and 11, the teachings of Alley et al disclose of the usage of a network or internet that Alley et al doesn't specifically mention use of a network, but it is interpreted by the examiner that since the portable handheld computer are usable in an office or workplace environment and at a home office, furthermore that a first computer, or host/server is capable of synchronizing with a plurality of different second computers, or clients, that the teachings of Alley et al are interpreted to operate in a networking environment (col. 1, lines 53-61 and col. 2, lines 52-54).

As per claims 3 and 12, it is disclosed by Alley et al that the identifiers are value pairs computed by a common function from header and body portions of data records (col. 2, lines 4-10).

As per claims 5 and 14, it is taught by Alley et al that the client updates the first table each time the client receives records and notifications of table updates and sends the updated table the next time data is requested (col. 2, lines 4-16).

As per claims 6 and 15, Alley et al discloses that the requesting client device is a handheld portable device coupled to the host computer connected to the network and the client software application executes on either or both of the portable devices and the host computer (col. 1, lines 53-61 and col. 2, lines 49-54). Alley et al doesn't specifically mention use of a network, but it is interpreted by the examiner that since the portable handheld computer are usable in an office or workplace environment and at a home office, furthermore that a first computer, or host/server is capable of synchronizing with a plurality of different second computers, or clients, that the teachings of Alley et al are interpreted to operate in a networking environment (col. 1, lines 53-61 and col. 2, lines 52-54).

As per claim 7, Alley et al teaches that the formation of the identifiers is accomplished at the host computer (col. 2, lines 4-16).

As per claim 8, Alley et al discloses of an application programming interface to enable applications on the requesting client device to recognize and associate table identifiers with stored data records and displaying the records appropriately upon a user request (col. 2, lines 4-13 & 49-54 and col. 8, lines 25-35).

As per claim 10, it is taught by Alley et al that a notification is sent of the differences in the table to the client (col. 2, lines 19-28).

Allowable Subject Matter

4. Claims 4,13, and 16 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Wolfgang et al, US 2005/0071386 discloses of using identifiers to synchronize data between sources.


Hugh, US 2003/0117434 discloses of unique IDs to flag new data items used for synchronization.

Lomet et al, U.S. Patent 5,485,608 discloses of section state identifiers that uniquely identify most recent sets of updates.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Christopher A. Revak whose telephone number is 571-272-3794. The examiner can normally be reached on Monday-Friday, 6:30am-3:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on 571-272-3795. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

CR

October 14, 2005

Christopher Revak
Primary Examiner
AU 2131


10/14/05